

Milestone - 4

Cover Page

Milestone #: 4

Date: 12/01/23

Group Number: 62

Name	Student Number	CS Alias (User Id)	Preferred Email Address
Samuel Kim	71186696	j2g8k	samuelkim019@gmail.com
Pranjal Gupta	61579363	y1v1c	pranjalgupta2802@gmail.com
Rafael Park	84277318	p8w2e	parkrafael11@gmail.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your email address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia.

Food Talks

Project Description

Summary

We have built a food talk app. Here users can create their accounts using the register portal and that information is saved. Using login users can login into their accounts and create posts. Posts include adding pictures, reviews of their restaurants, location. These posts are also saved and can be viewed by other users. Users can also comment on other posts. Users have a bio on their profile which can be changed to anything and any amount of times. Users can also delete their posts. It's an interactive app focused for university students to identify the best and affordable food eating spots on campus and using the comment options interact as well. Users also have the option to filter the data (projection) and search for restaurants that are given a good rating.

GitHub Repo Link –

https://github.students.cs.ubc.ca/CPSC304-2023W-T1/project_j2g8k_p8w2e_y1v1c.git

Changes made to the original Schema -

Added Major attribute in User profile to tailorize the results by which people can connect easily with the same major.

Didn't implement friends , likes , messages and videos from the relational schema due to compatibility issues.

Scalability issues for videos didn't allow it to be implemented . It requires a string of photos in a continuous execution and saving those many photos for every user is not a feasible option. Users already have the option to comment so having a messaging feature seems redundant in this case as this platform is for allowing users to openly share their views. Having friends on this app also violates the openness and review system we want to implement, here the basic idea is that people can be honest and open to everyone about their experience and not just to friends.

List of the Relational Schemas

Faculty(**FacultyID** ,
program)

FacultyID	Program
APSC	Applied Science
ARCH	Architecture and Landscape Architecture
ARTS	Arts
AUDI	Audiology and Speech Sciences
SAUD	Business Sauder
CRPL	Community and Regional Planning
DENT	Dentistry
EDUC	Education
EXTL	Extended Learning
FRST	Forestry
GRAD	Graduate and Postdoctoral Studies
JRNL	Journalism
KINE	Kinesiology
LFS	Land and Food Systems
LAW	Law, Peter A
LIBR	Library, Archival and Information Studies

City(**CityId**, City,
Province)

City

CityID	City	Province
0001	Vancouver	BC
0002	Surrey	BC
0003	Richmond	BC
0004	Burnaby	BC
0005	New Westminster	BC
0006	Langley	BC
0007	Coquitlam	BC
0008	Delta	BC

UserProfile(ProfileID , FirstName , LastName , ProfilePicture , Bio , Faculty , Major)	<div>UserProfile</div> <table><tr><th>ProfileID</th><th>FirstName</th><th>LastName</th><th>ProfilePicture</th><th>Bio</th><th>Faculty</th><th>Major</th></tr><tr><td>ABCDEI2345678</td><td>MIKE</td><td>JACK</td><td></td><td>Foodie</td><td>MUSC</td><td>Singing</td></tr><tr><td>FGHIJ12345678</td><td>Pranjal</td><td>Gupta</td><td></td><td>Student at ubc</td><td>CRPL</td><td>Student at UBC</td></tr><tr><td>KLMNO12345678</td><td>Rick</td><td>Harrison</td><td></td><td>Trader</td><td>ARTS</td><td>Finance</td></tr></table>	ProfileID	FirstName	LastName	ProfilePicture	Bio	Faculty	Major	ABCDEI2345678	MIKE	JACK		Foodie	MUSC	Singing	FGHIJ12345678	Pranjal	Gupta		Student at ubc	CRPL	Student at UBC	KLMNO12345678	Rick	Harrison		Trader	ARTS	Finance				
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KLMNO12345678	Rick	Harrison		Trader	ARTS	Finance																											
UserAccount(UserID , email , ProfileID , Password)	<div>UserAccount</div> <table><tr><th>UserID</th><th>Email</th><th>ProfileID</th><th>Password</th></tr><tr><td>USERR12345678</td><td>mike@uba.ca</td><td>ABCDEI2345678</td><td>pass123</td></tr><tr><td>USERR23456789</td><td>pgupta@uba.ca</td><td>FGHIJ12345678</td><td>KEY123</td></tr><tr><td>USERR34567891</td><td>rick@uba.ca</td><td>KLMNO12345678</td><td>PASSWORD221</td></tr></table>	UserID	Email	ProfileID	Password	USERR12345678	mike@uba.ca	ABCDEI2345678	pass123	USERR23456789	pgupta@uba.ca	FGHIJ12345678	KEY123	USERR34567891	rick@uba.ca	KLMNO12345678	PASSWORD221																
UserID	Email	ProfileID	Password																														
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USERR34567891	rick@uba.ca	KLMNO12345678	PASSWORD221																														
Post(PostID , Title , Rating , textReview , City , PostTime , ProfileID)	<div>Post</div> <table><tr><th>PostID</th><th>Title</th><th>Rating</th><th>TextReview</th><th>City</th><th>PostTime</th><th>ProfileID</th><th>PostPhotoTemp</th></tr><tr><td>POSTT12345678</td><td>Food At Mercante</td><td>2</td><td>Food is not upto the mark</td><td>0001</td><td>28-03-2023</td><td>ABCDEI2345678</td><td>image.jpg</td></tr><tr><td>POSTT23456789</td><td>Uncle Faiths</td><td>4</td><td>Food is very affordable</td><td>0002</td><td>21-06-2023</td><td>FGHIJ12345678</td><td>image2.jpg</td></tr><tr><td>POSTT34567891</td><td>Kinton Ramen</td><td>5</td><td>Food is quite good.</td><td>0001</td><td>7-01-2023</td><td>KLMNO12345678</td><td>image3.jpg</td></tr></table>	PostID	Title	Rating	TextReview	City	PostTime	ProfileID	PostPhotoTemp	POSTT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDEI2345678	image.jpg	POSTT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	FGHIJ12345678	image2.jpg	POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMNO12345678	image3.jpg
PostID	Title	Rating	TextReview	City	PostTime	ProfileID	PostPhotoTemp																										
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POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMNO12345678	image3.jpg																										
Comments(CommentsID , PostID , UserID , Email , Profile ID , CommentContent , CommentTime)	<div>Comments</div> <table><tr><th>CommentsID</th><th>PostID</th><th>UserID</th><th>Email</th><th>ProfileID</th><th>CommentContent</th><th>CommentTime</th></tr><tr><td>COMMT12345678</td><td>POSTT12345678</td><td>USERR23456789</td><td>pgupta@uba.ca</td><td>FGHIJ12345678</td><td>Yea, even my experience was not that good</td><td>31-08-2023 , 14:01</td></tr><tr><td>COMMT23456789</td><td>POSTT23456789</td><td>USERR34567891</td><td>rick@uba.ca</td><td>KLMNO12345678</td><td>GREAT FOOD!! Great service.</td><td>26-06-2023 , 16:41</td></tr><tr><td>COMMT34567891</td><td>POSTT34567891</td><td>USERR23456789</td><td>pgupta@uba.ca</td><td>FGHIJ12345678</td><td>Affordable place to visit.</td><td>16-07-2023 , 15:41</td></tr></table>	CommentsID	PostID	UserID	Email	ProfileID	CommentContent	CommentTime	COMMT12345678	POSTT12345678	USERR23456789	pgupta@uba.ca	FGHIJ12345678	Yea, even my experience was not that good	31-08-2023 , 14:01	COMMT23456789	POSTT23456789	USERR34567891	rick@uba.ca	KLMNO12345678	GREAT FOOD!! Great service.	26-06-2023 , 16:41	COMMT34567891	POSTT34567891	USERR23456789	pgupta@uba.ca	FGHIJ12345678	Affordable place to visit.	16-07-2023 , 15:41				
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COMMT34567891	POSTT34567891	USERR23456789	pgupta@uba.ca	FGHIJ12345678	Affordable place to visit.	16-07-2023 , 15:41																											

Queries Used

create_post.php

- 1) Insert Query - Lines 108-109
- 2) Select Query - Line 78,84

feed.php

- 1) Select Query with join - Line 16, 36
- 2) Projection Query with join - 16
- 3) Aggregation with HAVING - Line 36-58
- 4) Division Query - 66-78

login.php

- 1) Projection - Line 31

post.php

- 1) Join - Line 29 , lines 45-47 and lines 139-142
- 2) Insert Query - Line 70-71
- 3) Projection - 92

profile.php

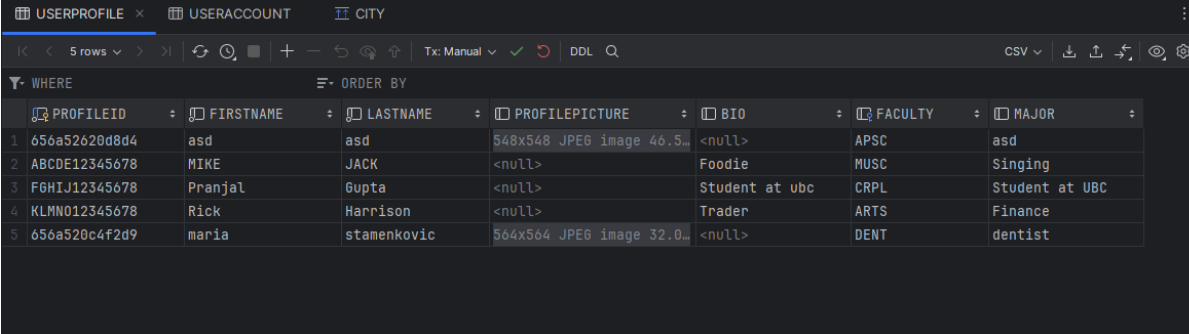
- 1) Join - Line 47
- 2) Update Query - Line 60
- 3) Delete Query - Line 74
- 4) Aggregation With Group by - Line 95-100 and Line 109
- 5) Nested Aggregation with GROUP BY - Line 104-110

register.php

- 1) Select Query - Line - 33
- 2) Projection - Line - 44, 53
- 3) Insert - Line 89, 105

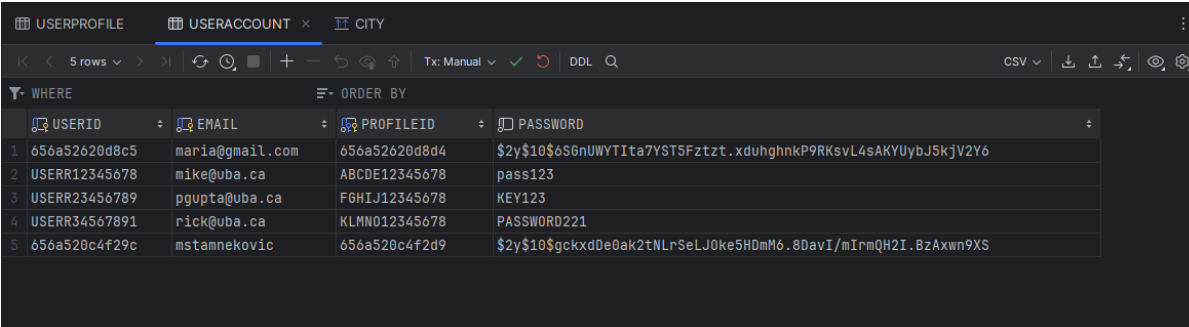
Screenshots:

- Insert: Creating an Account
 - Before:



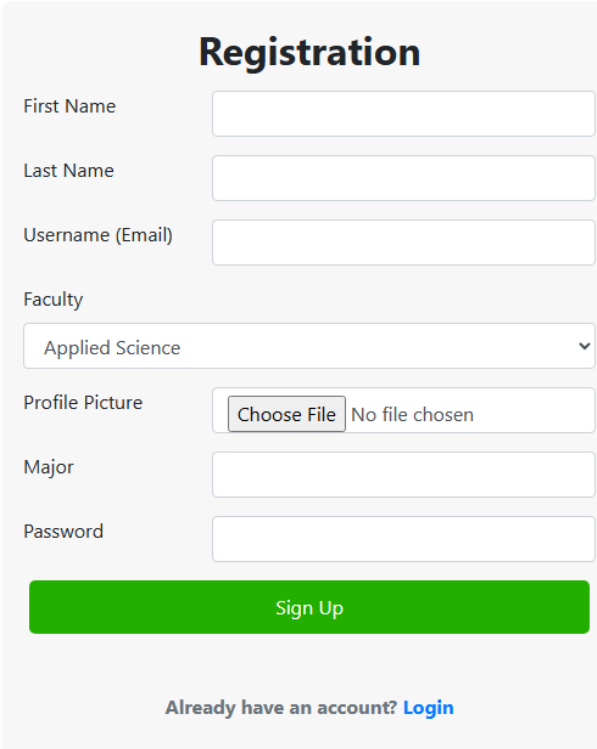
Database table view for CITY. Columns: PROFILEID, FIRSTNAME, LASTNAME, PROFILEPICTURE, BIO, FACULTY, MAJOR. Data rows show user profiles.

	PROFILEID	FIRSTNAME	LASTNAME	PROFILEPICTURE	BIO	FACULTY	MAJOR
1	656a52620d8d4	asd	asd	548x548 JPEG image 46.5...	<null>	APSC	asd
2	ABCDE12345678	MIKE	JACK	<null>	Foodie	MUSC	Singing
3	FGHIJ12345678	Pranjal	Gupta	<null>	Student at ubc	CRPL	Student at UBC
4	KLMN012345678	Rick	Harrison	<null>	Trader	ARTS	Finance
5	656a520c4f2d9	maria	stamenkovic	564x564 JPEG image 32.0...	<null>	DENT	dentist



Database table view for CITY. Columns: USERID, EMAIL, PROFILEID, PASSWORD. Data rows show user account details.

	USERID	EMAIL	PROFILEID	PASSWORD
1	656a52620d8c5	maria@gmail.com	656a52620d8d4	\$2y\$10\$6S6nUWYtIa7YST5Fztzt.xduhghnkP9RKsvL4sAKYUybJ5kjV2Y6
2	USERR12345678	mike@uba.ca	ABCDE12345678	pass123
3	USERR23456789	pgupta@uba.ca	FGHIJ12345678	KEY123
4	USERR34567891	rick@uba.ca	KLMN012345678	PASSWOR0221
5	656a520c4f29c	mstamenkovic	656a520c4f2d9	\$2y\$10\$gckxd0e0ak2tNLrSeLJ0ke5H0mM6.80avI/mIrmQH2I.BzAxwn9XS



Registration form with fields for First Name, Last Name, Username (Email), Faculty, Profile Picture, Major, and Password. A green Sign Up button is at the bottom.

Registration

First Name

Last Name

Username (Email)

Faculty

Profile Picture No file chosen

Major

Password

[Sign Up](#)

Already have an account? [Login](#)

- After:

Registration

First Name

Samuel

Last Name

Kim

Username (Email)

samuel@kim.com

Faculty

Science

Profile Picture

Choose File

minji.jpg

Major

CPSC

Password

.....

Sign Up

Already have an account? [Login](#)

USERPROFILE							
PROFILEID	FIRSTNAME	LASTNAME	PROFILEPICTURE	BIO	FACULTY	MAJOR	
656a52620d8d4	asd	asd	548x548 JPEG image 46.5...	<null>	APSC	asd	
ABCDE12345678	MIKE	JACK	<null>	Foodie	MUSC	Singing	
FGHIJ12345678	Pranjal	Gupta	<null>	Student at ubc	CRPL	Student at UBC	
KLMN012345678	Rick	Harrison	<null>	Trader	ARTS	Finance	
656a520c4f2d9	maria	stamenkovic	564x564 JPEG image 32.0...	<null>	DENT	dentist	
656a56af7898f	Samuel	Kim	564x752 JPEG image 62.2...	<null>	SCIE	CPSC	

USERACCOUNT			
USERID	EMAIL	PROFILEID	PASSWORD
656a52620d8c5	maria@gmail.com	656a52620d8d4	\$2y\$10\$6sGnUWYtIta7YST5Fztzt.xduhghnkP9RkSvL4sAKYUybJ5kjV2Y6
USERR12345678	mike@uba.ca	ABCDE12345678	pass123
USERR23456789	pgupta@uba.ca	FGHIJ12345678	KEY123
USERR34567891	rick@uba.ca	KLMN012345678	PASSWORD221
656a520c4f29c	mstamnekovic	656a520c4f2d9	\$2y\$10\$gckxdDe0ak2tNLrSeLJ0ke5HDM6.8DavI/mIrmQH2I.BzAxwn9XS
656a56af78986	samuel@kim.com	656a56af7898f	\$2y\$10\$sma6BX0mZDsTQ31YgBDAH0GDMaYvtCKHCmcr3thLeHW/TzRIULbK2

- Delete: Delete Posts
 - Before (Selected to delete Post 1 and Post 2)

About Me

I love foodtalk! (I didn't write a bio yet)

Profile Statistics

Number of Posts: 2

Find Top Commenter

Edit Bio

I love foodtalk! (I didn't write a bio yet)

Update Bio

My Posts

Post 2

Post 2

2023-12-01 13:59:36

Post 1

Post 1

2023-12-01 13:58:33

Delete Selected Posts

USERPROFILEUSERACCOUNTPOSTCITY


5 rows

Tx: ManualDDL

WHEREORDER BY

	POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP
1	POST112345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg
2	POST123456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	F6HIJ12345678	image2.jpg
3	POST134567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMNO12345678	image3.jpg
4	656a570907dfc	Post 1	4	Post 1	0007	2023-12-01 13:58:33	656a56af7898f	miso5.jpg
5	656a57487e0dc	Post 2	4	Post 2	0004	2023-12-01 13:59:36	656a56af7898f	399271345_3787076878293

- After:



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

I love foodtalk! (I didn't write a bio yet)

Profile Statistics

Number of Posts: 0

Find Top Commenter

Edit Bio

I love foodtalk! (I didn't write a bio yet)

Update Bio

My Posts

Delete Selected Posts

POST


3 rows

Tx: Manual

DDL

	POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP
1	POSTT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg
2	POSTT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	FGHIJ12345678	image2.jpg
3	POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMN012345678	image3.jpg

- Update: Updating profile Bio
 - Before:



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

I love foodtalk! (I didn't write a bio yet)

Profile Statistics

Number of Posts: 0

Find Top Commenter

Edit Bio

I love foodtalk! (I didn't write a bio yet)

Update Bio

My Posts

Delete Selected Posts

POST

USERPROFILE

0 rows

Tx: Manual

DDL

	PROFILEID	FIRSTNAME	LASTNAME	PROFILEPICTURE	BIO	FACULTY	MAJOR
1	656a52620d8d4	asd	asd	548x548 JPEG image 46.55 kB	<null>	APSC	asd
2	ABCDE12345678	MIKE	JACK	<null>	Foodie	MUSC	Singing
3	FGHIJ12345678	Pranjal	Gupta	<null>	Student at ubc	CRPL	Student at UBC
4	KLMN012345678	Rick	Harrison	<null>	Trader	ARTS	Finance
5	656a5860e5333	kunwoo	park	564x564 JPEG image 32.04 kB	hahahha	ARCH	j
6	656a5afcebe4c	julian	moreau	564x564 JPEG image 32.04 kB	blahblahLahasdasd	APSC	CompSci
7	656a520c4f2d9	maria	stamenkovic	564x564 JPEG image 32.04 kB	<null>	DENT	dentist
8	656a56af7898f	Samuel	Kim	564x752 JPEG image 62.28 kB	<null>	SCIE	CPSC



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

I love foodtalk! (I didn't write a bio yet)

Profile Statistics

Number of Posts: 0

Find Top Commenter

Edit Bio

Screenshotting my bio

Update Bio

My Posts

Delete Selected Posts

- After:



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

Screenshotting my bio

Profile Statistics

Number of Posts: 0

Find Top Commenter

Edit Bio

Screenshotting my bio

Update Bio

My Posts

Delete Selected Posts

POSTUSERPROFILE

8 rows

WHEREORDER BY

	PROFILEID	FIRSTNAME	LASTNAME	PROFILEPICTURE	BIO	FACULTY	MAJOR
1	656a52620d8d4	asd	asd	548x548 JPEG image 46.55 kB	<null>	APSC	asd
2	ABCDE12345678	MIKE	JACK	<null>	Foodie	MUSC	Singing
3	F6HIJ12345678	Pranjal	Gupta	<null>	Student at ubc	CRPL	Student at UBC
4	KLMN012345678	Rick	Harrison	<null>	Trader	ARTS	Finance
5	656a5860e5333	kunwoo	park	564x564 JPEG image 32.04 kB	hahahaha	ARCH	j
6	656a5afcb4c	julian	moreau	564x564 JPEG image 32.04 kB	blahblahlahasdasd	APSC	CompSci
7	656a520c4f2d9	maria	stamenkovic	564x564 JPEG image 32.04 kB	<null>	DENT	dentist
8	656a56af7898f	Samuel	Kim	564x752 JPEG image 62.28 kB	Screenshotting my b...	SCIE	CPSC

- Projection: Filter Option for Feed by Name
 - Before:

POSTUSERPROFILE

4 rows

WHEREORDER BY

	POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP
1	POSTT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg
2	POSTT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	F6HIJ12345678	image2.jpg
3	POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMN012345678	image3.jpg
4	656a59c2e429d	Blue Chip Cafe	5	very good!	0004	2023-12-01 14:10:10	656a5860e5333	30085e0d70ef4ddba7e320

foodtalk.

FeedProfileCreate PostLog Out

Search by First Name:Reviews with Rating (Out of 5):

RatingShow TitleShow RatingShow ReviewShow TimeShow CitySearch

Title	Rating	Review	Time Posted	City
Kinton Ramen	5	Food is quite good.	7-01-2023	Vancouver, BC
Food At Mercante	2	Food is not upto the mark	28-03-2023	Vancouver, BC
Uncle Faiths	4	Food is very affordable	21-06-2023	Surrey, BC
Blue Chip Cafe	5	very good!	2023-12-01 14:10:10	Burnaby, BC

- After: (Selected to view posts by First Name: Rick and displaying Title and Rating only)

foodtalk.

FeedProfileCreate PostLog Out

Search by First Name:RickReviews with Rating (Out of 5):

RatingShow TitleShow RatingShow ReviewShow TimeShow CitySearch

Title	Rating
Kinton Ramen	5

- Selection: (drop down menu)

- Before:
foodtalk.

Feed

P

Create a New Post

Title

Screenshot Post

Review

I am selecting a [City](#)

Image

Choose File

No file chosen

Rating (1-5)

3

City

Burnaby

Burnaby

Coquitlam

Delta

Langley

New Westminster

Richmond

Surrey

Vancouver

POST × USERPROFILE								
WHERE								
	POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP
1	POSTT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg
2	POSTT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	F6HIJ12345678	image2.jpg
3	POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMNO12345678	image3.jpg
4	656a59c2e429d	Blue Chip Cafe	5	very good!	0004	2023-12-01 14:10:10	656a5860e5333	30085e0d70ef4ddba7e32

POST × CITY × USERPROFILE			
WHERE			
	CITYID	CITY	PROVINCE
1	0001	Vancouver	BC
2	0002	Surrey	BC
3	0003	Richmond	BC
4	0004	Burnaby	BC
5	0005	New Westminster	BC
6	0006	Langley	BC
7	0007	Coquitlam	BC
8	0008	Delta	BC

- After: (Burnaby Selected and shown in post)

POST x CITY USERPROFILE									
WHERE ORDER BY									
POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP		
656a5ea3620f9	Screenshot Post	3	I am selecting a City	0004	2023-12-01 14:30:59	656a56af7898f	sashimi-salad.jpg		
POSTT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg		
POSTT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	FGHIJ12345678	image2.jpg		
POSTT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMNO12345678	image3.jpg		
656a59c2e429d	Blue Chip Cafe	5	very good!	0004	2023-12-01 14:10:10	656a5860e5333	30085e0d70ef4ddbaf7e32		


Burnaby

Screenshot Post

★★★★☆

656a56af7898f2023-12-01 14:30:59

I am selecting a City



Write your comment here...

Comment

Show Names

- Join: (Joined userProfile and comment to display user's name instead of profileID)


- Before:

Write your comment here...

Comment

Show Names

Comments



656a56af7898f
Comment one for screenshot


- After: (pressed show names button)

Write your comment here...

Comment


Show Profile IDs

Comments



Samuel Kim
Comment one for screenshot

- Aggregation with Group By: (Shows number of posts for user in profile)



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

Screenshotting my bio

Profile Statistics

Number of Posts: 1

Find Top Commenter

- Aggregation with Having: Filter by rating on feed (show posts greater than x stars)
 - Before:

Search by First Name: Reviews with Rating (Out of 5): ☒ Show Title ☒ Show Rating ☒ Show Review ☒ Show Time ☒ Show City

Title	Rating	Review	Time Posted	City
Kinton Ramen	5	Food is quite good.	7-01-2023	Vancouver, BC
Food At Mercante	2	Food is not upto the mark	28-03-2023	Vancouver, BC
Uncle Faiths	4	Food is very affordable	21-06-2023	Surrey, BC
Screenshot Post	3	I am selecting a City	2023-12-01 14:30:59	Burnaby, BC
Blue Chip Cafe	5	very good!	2023-12-01 14:10:10	Burnaby, BC

- After: Posts with ratings greater than or equal to 4 stars

Search by First Name: Reviews with Rating (Out of 5): ☒ Show Title ☒ Show Rating ☒ Show Review ☒ Show Time ☒ Show City


Title	Rating	Review	Time Posted	City
Kinton Ramen	5	Food is quite good.	7-01-2023	Vancouver, BC
Uncle Faiths	4	Food is very affordable	21-06-2023	Surrey, BC
Blue Chip Cafe	5	very good!	2023-12-01 14:10:10	Burnaby, BC


- Nested Aggregation with Group By: In profile, have a button which displays the user who has commented the most for that user
 - Before: User Two commented on Samuel Kim's post 4 times (most comments)


Comment


Show Profile IDs

Comments

 User Two
4

 User Two
3

 User Two
2

 User Two
1

- After:



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

Screenshotting my bio

Profile Statistics

Number of Posts: 1

Find Top Commenter



Samuel Kim

Faculty: SCIE

Major: CPSC

About Me

Screenshotting my bio

Profile Statistics

Number of Posts: 1

Find Top Commenter

Top Commenter: User Two (Comments: 4)

- Division: (Find User who has Posting in all cities)
- Before:

POST								
USERPROFILE								
WHERE								
ORDER BY								
	PROFILEID	FIRSTNAME	LASTNAME	PROFILEPICTURE	BIO	FACULTY	MAJOR	
1	656a52620d8d4	asd	asd	548x548 JPEG image 46.55 kB	<null>	APSC	asd	
2	ABCDE12345678	MIKE	JACK	<null>	Foodie	MUSC	Singing	
3	F6HIJ12345678	Pranjal	Gupta	<null>	Student at ubc	CRPL	Student at UBC	
4	KLMN012345678	Rick	Harrison	<null>	Trader	ARTS	Finance	
5	656a61722b3ed	User	Two	1080x1344 JPEG image 166.66 kB	<null>	APSC	abc	
6	656a5860e5333	kunwoo	park	564x564 JPEG image 32.04 kB	hahahha	ARCH	j	
7	656a5afcbeb4c	julian	moreau	564x564 JPEG image 32.04 kB	blahblahasdasd	APSC	CompSci	
8	656a520c4f2d9	maria	stamenkovic	564x564 JPEG image 32.04 kB	<null>	DENT	dentist	
9	656a56af7898f	Samuel	Kim	564x752 JPEG image 62.28 kB	Screenshotting my bio	SCIE	CPSC	

foodtalk.

Feed

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Search by First Name:

Reviews with Rating (Out of 5):

Rating

☒ Show Title

☒ Show Rating

☒ Show Review

☒ Show Time

☒ Show City

Search

Find Users Posting in All Cities

Title	Rating	Review	Time Posted	City
Kinton Ramen	5	Food is quite good.	7-01-2023	Vancouver, BC
Food At Mercante	2	Food is not upto the mark	28-03-2023	Vancouver, BC
Uncle Faiths	4	Food is very affordable	21-06-2023	Surrey, BC
Vancouver	4	van	2023-12-01 15:11:51	Vancouver, BC
Surrey	4	s	2023-12-01 15:11:41	Surrey, BC
Richmond	3	r	2023-12-01 15:11:33	Richmond, BC
New west	2	new	2023-12-01 15:11:24	New Westminster, BC
Langley	4	l	2023-12-01 15:11:14	Langley, BC
delta	3	delta	2023-12-01 15:11:05	Delta, BC
coquitlam	2	c	2023-12-01 15:10:56	Coquitlam, BC
burnaby	1	b	2023-12-01 15:10:45	Burnaby, BC
Screenshot Post	3	I am selecting a City	2023-12-01 14:30:59	Burnaby, BC
Blue Chip Cafe	5	very good!	2023-12-01 14:10:10	Burnaby, BC

POST								
USERPROFILE								
WHERE								
ORDER BY								
	POSTID	TITLE	RATING	TEXTREVIEW	CITY	POSTTIME	PROFILEID	POSTPHOTOTEMP
1	656a5ea3620f9	Screenshot Post	3	I am selecting a City	0004	2023-12-01 14:30:59	656a56af7898f	sashimi-salad.jpg
2	P0STT12345678	Food At Mercante	2	Food is not upto the mark	0001	28-03-2023	ABCDE12345678	image.jpg
3	P0STT23456789	Uncle Faiths	4	Food is very affordable	0002	21-06-2023	F6HIJ12345678	image2.jpg
4	P0STT34567891	Kinton Ramen	5	Food is quite good.	0001	7-01-2023	KLMN012345678	image3.jpg
5	656a6809e7b90	delta	3	delta	0008	2023-12-01 15:11:05	656a56af7898f	sashimi-salad.jpg
6	656a67f547ba0	burnaby	1	b	0004	2023-12-01 15:10:45	656a56af7898f	sashimi-salad.jpg
7	656a6800729c2	coquitlam	2	c	0007	2023-12-01 15:10:56	656a56af7898f	sashimi-salad.jpg
8	656a59c2e429d	Blue Chip Cafe	5	very good!	0004	2023-12-01 14:10:10	656a5860e5333	30085e0d70ef4ddba7e
9	656a6812f2303	Langley	4	l	0006	2023-12-01 15:11:14	656a56af7898f	sashimi-salad.jpg
10	656a681c5e77d	New west	2	new	0005	2023-12-01 15:11:24	656a56af7898f	sashimi-salad.jpg
11	656a68250893e	Richmond	3	r	0003	2023-12-01 15:11:33	656a56af7898f	sashimi-salad.jpg
12	656a682d074e4	Surrey	4	s	0002	2023-12-01 15:11:41	656a56af7898f	sashimi-salad.jpg
13	656a6837b165e	Vancouver	4	van	0001	2023-12-01 15:11:51	656a56af7898f	sashimi-salad.jpg

- After: (pressing button)

foodtalk.

Feed

Profile

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Search by First Name: Reviews with Rating (Out of 5): Rating ☐ Show Title ☐ Show Rating ☐ Show Review ☐ Show Time ☐ Show City

Find Users Posting in All Cities

Users Who Posted in All Cities

- Samuel Kim